

AMENDMENT UNDER 37 C.F.R § 1.111

U.S. Appln. No.: 09/874,220

Attorney Docket No.: Q64853

AMENDMENTS TO THE SPECIFICATION

Please amend the paragraph starting on line 5 of page 11 as follows:

However, in the conventional case, when using the recording apparatus not in conformance with the above described copy protection system, it was difficult to exclude the illegal copy of the contents. For example, in the copy protection system, in the case of copying the contents in which the number of copying is limited to once, it is assumed that update of the copy control information is designated in the recording apparatus so that copies after one copy are forbidden. However, in the case that the information is recorded in the recording medium by the recording apparatus not in conformance with the above described copy protection system, it is not possible to determine ~~that~~ whether the information has been recorded once from the copy control information, which is recorded in the forgoing recording medium. As a result, there is a possibility that the contents are copied more than once. In this manner, if the contents are propagated by being copied several times via the recording apparatus not in conformance with the illegal copy protection system, there is an obstacle against to protect the contents effectively under the copyright.

Please amend the paragraph starting on line 12 of page 3 as follows:

According to the present invention, when the information signal in association with the contents is inputted in a predetermined apparatus, the attributive information representing the attribution of this apparatus is added and upon recording the information signal, the recording is



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controlled on the basis of the copy control information and the attributive information.

Therefore, even if the recording apparatus not in conformance with the copy protection system does not appropriately update the copy control information, it is possible to determine whether the information signal is reproduced through a reproduction apparatus for reproducing the contents, so that the illegal copy of the contents is capable of being effectively prevented.

Please amend the paragraph starting on line 23 of page 3 as follows:

In one ~~accept~~-aspect of the present invention, the attributive information is added by a reproduction apparatus for reproducing the information signal in association with the contents from a recording medium.

Please amend the paragraph starting on line 26 of page 3 and bridging onto page 4 as follows:

According to this aspect, when the information signal in association with the contents is reproduced by the reproduction apparatus, the attributive information representing the attribution of this reproduction apparatus is added to the information signal, so that it is possible to make the further apparatuses certainly recognize ~~that~~-whether the information signal is outputted from the reproduction apparatus.



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Please amend the paragraph starting on line 1 of page 19 as follows:

The above described copy protection system according to the first embodiment serves to ~~an error~~protect the copyright of the contents. Therefore, a method is employed to provide copy control information (CCI) to the digital signal corresponding to the contents and fill the copy control information in the digital signal by the water mark technology. Alternatively, as an example of the copy control information, a code to allow the copy of the contents only once (Copy Once (1, 0)), a code to forbid the copy of the contents (Never Copy (1, 1)), a code to allow the copy of the contents without any inhibition may be cited (Copy Free (0, 0)), a code to copy the contents of the above Copy Once (1, 0) once and forbid the copy of the contents any more (No More Copy (1, 0:1, 1)) and the like may be cited.

Please amend the paragraph starting on line 15 of page 20 as follows:

According to the first embodiment, providing the attributive information representing the attribution of the apparatus, through which the digital signal is propagated, to the digital signal in association with the contents in addition to the above described copy control information allows the contents to be protected more strongly under the copyright. Hereinafter, the function and the role of this attributive information will be explained. Further, a method to ~~an error~~protect the contents under the copyright by the use of the attributive information will be explained.

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Please amend the paragraph starting on line 11 of page 24 as follows:

On the contrary, in the case shown in FIG. 3C, when the disk 72 recorded in the recording apparatus 52 is loaded in the reproduction apparatus 6 via the path D, the digital signal is inputted in the recording apparatus 4 via the path EE with being added with the attributive information “player” as the same as the case shown in FIG. 3B. On the other hand, as described above, although the copy control information is set in Copy Once (1, 0) as the same as the digital signal outputted from the reception apparatus 1, the attributive information “player” is discriminated in the recording apparatus 4, so that the digital signal is not appropriately propagated as in FIG. 2B. Therefore, it is possible to determine that the illegal copy, which does not conform to the illegal copy protection system, is carried out on the way of the propagation path. As a result, in the case shown in FIG. 3C, it is possible to forbid the copy of the contents in the disk 73 differing from the case shown in FIG. 2C. Thus, the illegal copy is determined by using both of the copy control information and the attributive information, so that it is possible to certainly prevent the illegal copy thereafter even for the digital signal, which is recorded via the recording apparatus 5 not in conformance with the copy protection system.

Please amend the paragraph starting on line 3 of page 25 as follows:

Next, FIG. 4 is a block diagram for showing a schematic structure of the reproduction apparatus 3 in the first embodiment. In this case, the reproduction apparatus 6 has the same structure as that of the reproduction apparatus 3. The reproduction apparatus 3 shown in FIG. 4



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is composed of a pick up 11, a spindle motor 12, a servo controlling unit 13, an RF amplifier 14, a signal processing circuit 15, a water mark detecting unit 16, attributive information adding circuit 17, a communication interface 18, an MPEG decoder 19, a D/~~A~~N converter 20 and a system controlling unit 21.